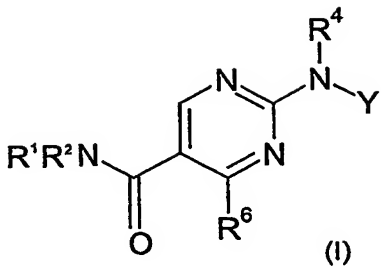
Claims

1. A compound of formula (I):



(I)

wherein:

Y is phenyl, optionally substituted with one, two or three substituents;

R^1 is selected from hydrogen, C_{1-6} alkyl, C_{3-6} cycloalkyl and halosubstitutedC_{1-6} alkyl;

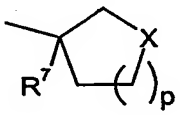
R^2 is $(CH_2)_mR^3$ where m is 0 or 1;

or R^1 and R^2 together with N to which they are attached form an optionally substituted 4- to 8- membered non-aromatic heterocyclyl ring;

R^3 is an optionally substituted 4- to 8- membered non-aromatic heterocyclyl group, an optionally substituted C_{3-8} cycloalkyl group, an optionally substituted straight or branched C_{1-10} alkyl, a C_{5-7} cycloalkenyl or R^5;

R^4 is selected from hydrogen, C_{1-6} alkyl, C_{3-6} cycloalkyl, or halosubstitutedC_{1-6} alkyl, $COCH_3$, and SO_2Me;

R^5 is



wherein p is 0, 1 or 2 and X is CH_2 or O;

R^6 is methyl, chloro or CHxFn wherein n is 1, 2, or 3, x is 0, 1 or 2 and n and x add up to 3;

R^7 is OH, C_{1-6}alkoxy, $NR^{8a}R^{8b}$, $NHCOR^9$, $NHSO_2R^9$, $SOqR^9$;

R^{8a} is H or C_{1-6}alkyl;

R^{8b} is H or C_{1-6}alkyl;

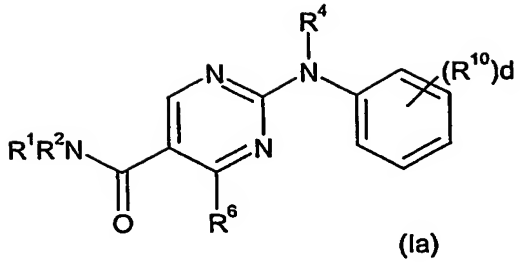
R^9 is C_{1-6}alkyl;

q is 0, 1 or 2;

or a pharmaceutically acceptable derivative thereof.

2. A compound as claimed in claim 1 wherein Y is a substituted phenyl.

3. A compound as claimed in claim 1 wherein the compound is of formula (Ia):



(Ia)

wherein;

wherein;

R^1 is selected from hydrogen, C_{1-6} alkyl, C_{3-6} cycloalkyl and halosubstitutedC_{1-6} alkyl;

R^2 is $(CH_2)_mR^3$ where m is 0 or 1;

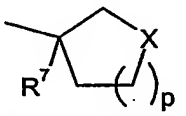
or R^1 and R^2 together with N to which they are attached form a 4- to 8- membered non-aromatic ring selected from azetidinyl, pyrrolidinyl, morpholinyl, piperizinyl, piperidinyl, tetrahydropyridinyl, azapine, oxapine, azacyclooctanyl, azaoxacyclooctanyl and azathiacyclooctanyl any of which can be unsubstituted or substituted by one, two or three substituents selected from C_{1-6} alkyl, C_{1-6} alkoxy, a hydroxy group, a cyano group, halo, sulfonyl group, methylsulfonyl, $NR^{8a}R^{8b}$, $NHCOCH_3$, (=O), and -$CONHCH_3$.

R^3 is 2- or 3- azetidinyl, oxetanyl, thioxetanyl, thioxetanyl-s-oxide, thioxetanyl-s,s-dioxide, dioxalanyl, pyrrolidinyl, tetrahydrofuranyl, tetrahydrothiophenyl, morpholinyl, piperidinyl, piperazinyl, tetrahydropyranyl, tetrahydrothiopyranyl, thiomorpholinyl, thiomorpholinyl-s,s-dioxide, tetrahydropyridinyl, azapine, oxapine, azacyclooctanyl, azaoxacyclooctanyl, azathiacyclooctanyl, oxacylcooctanyl, thiacyclooctanyl, a C_{3-8} cycloalkyl group, a straight or branched C_{1-10} alkyl, a C_{5-7} cycloalkenyl or R^5, any of which can be unsubstituted or substituted by one, two or three substituents selected from C_{1-6} alkyl, C_{1-6} alkoxy, a hydroxy group, a cyano group, halo, sulfonyl group, methylsulfonyl, $NR^{8a}R^{8b}$, $NHCOCH_3$, (=O), and -$CONHCH_3$;

R^{10} is selected from C_{1-6} alkyl, halosubstitutedC_{1-6} alkyl, C_{1-6} alkoxy, a hydroxy group, a cyano group, halo, a C_{1-6}alkyl sulfonyl group, -$CONH_2$, -$NHCOCH_3$, -COOH, halosubstitutedC_{1-6} alkoxy, SC_{1-6}alkyl and $SO_2NR^{8a}R^{8b}$;

R^4 is selected from hydrogen, C_{1-6} alkyl, C_{3-6} cycloalkyl, or halosubstitutedC_{1-6} alkyl, $COCH_3$, and SO_2Me;

R^5 is



wherein p is 0, 1 or 2 and X is CH_2 or O;

R^6 is methyl, chloro or CHxFn wherein n is 1, 2, or 3, x is 0, 1 or 2 and n and x add up to 3;

R^7 is OH, C_{1-6}alkoxy, $NR^{8a}R^{8b}$, $NHCOR^9$, $NHSO_2R^9$, $SOqR^9$;

R^{8a} is H or C_{1-6}alkyl;

R^{8b} is H or C_{1-6}alkyl;

R^9 is C_{1-6}alkyl;

q is 0, 1 or 2;

d is 0, 1, 2 or 3

or a pharmaceutically acceptable derivative thereof.

4. A compound as claimed in any one of claims 1 to 3 wherein R^4 is C_{1-6}alkyl or hydrogen.

5. A compound as claimed in any one of claims 1 to 4 wherein R^6 is CF_3.

6. A compound as claimed in claim 1 or 3 selected from any one of Examples 1 to 265 or a pharmaceutically acceptable derivative thereof.

7. A compound as claimed in any one of claims 1 to 6 nanoparticulate form.

8. A pharmaceutical composition comprising a compound as claimed in any one of claims 1 to 7 or a pharmaceutically acceptable derivative thereof.

9. A pharmaceutical composition as claimed in claim 8 further comprising a pharmaceutical carrier or diluent thereof.

10. A method of treating a human or animal subject suffering from a condition which is mediated by the activity of cannabinoid 2 receptors which comprises administering to said subject a therapeutically effective amount of a compound of formula (I) as claimed in any one of claims 1 to 7 or a pharmaceutically acceptable derivative thereof.

11. A method of treatment as claimed in claim 10 wherein the condition is an immune disorder, an inflammatory disorder, pain, osteoporosis, or a renal disorder.